24,7700 (1158, 1164,/385)

32321 s/020/61/141/000 8101/8144

AUTHORS:

Pleskon Yo. V and Tyagay, V A.

TITLE.

Distribution of petentials on the interface growns :

electrolytic selection

PERIODICAL: Azademija bank SSSR. Dislady v ide. th. 5. 640

TEXT: The dependence of the opace harge to the electrode policies examined by measuring the surface recentination race conthe Section interfale, and the photoposensial $M_{
m vx}$ (shappe of potential of \sim)

electrode on exposure). In was measured according to the decrease partnered extity of samples of Service 2 0.51 mm. The samples stimes with $(P/4A)(\mathrm{SR}/4A)$. IN NAOH of the $\mathrm{H_2SO_4}$ were used a_{SC}

sistinclyie. A low wolltage (50 mm) was appried to the two stables ends of the lamella. The sample was expended to the lamp of a $\#(I) \to pg$ stroke sample of 20-40 imp/sec, impulse time about 3 $\#(g) \to pg$. being propostional to photoconductively was amplified by an YM o oppowide band amplifrer and reproduced on the direct of ar WO 4 (10 .. Gerd 1/**9** /

PLESKOV, Yu.V. (Moscow)

Role of free and valence electrons in reduction reactions on a germanium electrode, Zhur.fiz.khim. 35 no.11:2576-2581 N 161. (MIRA 14:12)

1. Akademiya nauk SSSR, Institut elektrokhimii.
(Eleytrodes, germanium)
(Reduction, Electrolytic)
(Electrons)

PLESKOV, Yu.V. (Moscow) Kinetics of reduction reactions on a germanium electrode. Zhur, fiz.khim. 35 no.11:2540-2546 N '61. (MIRA 14:12) Akademiya nauk SSSR, Institut elektrokhimii.
(Electrodes, germanium)
(Reduction, Electrolytic)

81413

The Rôle of Minority Carriers in the Process of Anodic Dissolution of Electronic Germanium

5/020/60/132/06/38/068 **B**004/B005

4

2 German.

ASSOCIATION: Institut elektrokhimii Akademii nauk SSSR (Institute of Electrochemistry of the Academy of Sciences, USSH)

PRESENTED:

February 12, 1960, by A. N. Frumkin, Academician

SUBMITTED:

February 8, 1960

Card 3/3

CIA-RDP86-00513R001341200006 6

81413

The Rôle of Minority Carriers in the Process of S/020/60/132/06/38/068
Anodic Dissolution of Electronic Germanium B004/B005

was a p-n transition (area $0.2~{\rm cm}^2$) on one side of the disk-shaped electrode (diameter 8 mm), the electrolyte (1 N H₂SO₄) being on the other side of the electrode (area $0.25~{\rm cm}^2$). An ohmic contact was soldered to the periphery of the electrode. The injection of holes occurred in p n the periphery of the electrode. The injection of holes occurred in p n transition. The increase ΔI_a of the current of anodic dissolution in devendence on the injection current I_p was recorded. The potentiostat used pendence ΔI_a on I_p in the dark and with differently intensive lighting Each dependence ΔI_a on I_p in the dark and with differently intensive lighting Each experimentally found value $a_0' = 1.65$ shows that 2.4 holes and 1.6 electrons are consumed without injection in the transition of a germanium atom from the crystal lattice into the solution. With injection, manium atom from the crystal lattice into the solution. With maximum I_p the ratio changes, and attains 3.9, and 0.1, respectively with maximum I_p there are 3 suggest that a^* is not connected with a certain reaction scheme. The author thanks B_a N. Kabanov, Professor, for his discussion. There are 3 figures and 9 references: 1 Soviet, 4 US, 2 British, and

Card 2/3

81413

s/020/60/132/06/38/068 B004/B005

Pleskov, Yu. V.

AUTHOR: TITLE:

Dissolution of Electronic Germanium

The Rôle of Minority Carriers in the Process of Anodic

PERIODICAL:

Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 6,

pp. 1360 = 1363

TEXT: At a low current density of the anodic dissolution of netype gere manium, the holes play the part of minority carriers, and the boundary Ge-electrolyte acts as a hole collector with the current intensity increasing. The summated equation for this reaction is: Ge + x* + $3\text{H}_2\text{O} \longrightarrow \text{H}_2\text{GeO}_3$ + (4 - x)* + 4H^+ . For the coefficient α_0^i of the current increase $(\alpha_0^0 = 4/x)$, different values are given in Refs. 1-4. In the present paper, the author studies the dependence of α_0^{i} under the conditions of anodic dissolution of germanium. The measurement of α^{\dagger} was made according to Ref. 1. The electrode consisted of n-Ge, the specific resistance was 3 ohm.cm, the diffusion length of the holes 0.7 mm. There

card 1/3

Reduction Reactions on a Germanium Cathode

SOV/20-130-2-34/69

electrodes he made available. There are 3 figures. 1 table, and 9 references, 3 of which are Soviet

ASSOCIATION: Institut elektrokhimia Akademii nauk SSSR (Institute of Electrochemistry of the Academy of Sciences, USSR)

PRESENTED: September 17, 1959, by A. N. Frumkin, Academician

SUBMITTED: September 10, 1959

Card 4/4

sov/20-136-2-34/69

Reduction Reactions on a Germanium Cathode

ment. The low values of % in the reduction of $\mathrm{K_2Cr_2O_7}$, and the lacking injection in the reduction of $\mathrm{H_2O_2}$ are explained by the highly negative potential of these reactions, which already develop on an electrode which has absorbed hydrogen The polarization curves of the Pt. and n-Ge electrodes have a well-marked wave with a boundary current of equal density which is proportional to the square root of the angular velocity of the rotating electrodes (Fig 2) The reduction rate is thus determined by the diffusion of the oxidizing agents to the electrode surface, and does not depend on the material of the electrode. The polarization curves of p Ge are shifted by 0.2-0.3 v in a negative direction, but they change under the influence of light on the position of the curves for n=Ge (Fig 3). The experimental results are explained by the participation of free and valence-electrons in the reaction in dependence on the energy level of the oxidiz ing agents. In conclusion it is mentioned that the authors thank Professor B N. Kabanov for his assistance in evaluat ing the results obtained, and I. G. Yerusalimchik for the

49-54

Card 3/4

Reduction Reactions on a Germanium Cathode

504/20-130-2-34/69

practically with that of ! The polarization curves were recorded by means of the same polarization of rotating lisk electrodes made from Pt and monocrystalline in Je or p Ge Before measurement the electrodes were etched with the mixture SR-4 Measurements were made in the dark in a pure nitrogen atmosphere Figure 1 chows the dependence of almost red for the oxidizing agents KMsO₄, K₃Fe(CN)₆, KJ₇, chinon, K₂Cr₂O₇, and H₂O₂. In table 1 the experimental data are given The reduction of H₂O₂ continues to executive in fluence on I and is therefore in t accompanied by an injection of holes. In K₂Fe(CN)₆, nead KMsO₄, the value of A is influenced by the concentration of the oxidizing substance, in KJ₃, does not depend on concentration. The values of a are considerably influenced by the nature of the electrode surface and decrease as soon as the negative Ge-potential approaches the potential of hydrogen develop.

Card 2/4

5.4600

5(4)

AUTHOR:

Pleskov Yu V

TITLE:

Reduction Reactions on a Germanium Cathode

PERIODICAL:

Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 2

pp 362 - 365 (USSR)

ABSTRACT:

It was the aim of this paper to investigate the kinetics of some reductions on germanium electrodes and measuring the injection coefficient to The production of a germanium triede is described. It consists of an n-Ge-single crystal with annular ohmic Ni contact of a p-n junction produced by meltedin indium and working as a collimator, and a surface acting as emitter and not insulated by silicon varnish and paraffin The alteration $\wedge I_{coll}$ of the collector current in depen

SOV/20-130 2 34/69

dence on the reduction current $\top_{x \in d}$ was recorded by means of a polarograph of the type PE 312; the coefficient

 $N = \frac{\Delta I_{coil}}{I_{red}}$ was determined, the value of which agreed \mathcal{W}

Card 1/4

RELYANCHIKOV, M.P.; PLESKOV, Yu.V.; POMINOV, V.G.

Instrument with a rotating disc electrode. Zhur.fiz.khim.
34 no.7:1636-1642 J1 '60. (MIRA 13:7)

1. Akademiya nauk SSSR, Institut elektrokhimii.
(Electrodes) (Chemical apparatus)

PLESKOV, Yu.V. (Moscow) Method of separating two processes occurring at an electrode simultaneously. Zhur. fiz. khim. 34 no.3:623-626 Mr 160. (MIRA 13:11) 1. Akademiya nauk SSSR, Institut elektrokhimii, (Electrochemistry)

Thought, in the Contract of the Contract of the Contract of electroclosical production or satisfies, on on, 1960, la p (institute) of Physical Chemistry, AC WOOK)

The Injection and Extraction of Minority Carriers on SOV/20-126-1-30/62 the Surface of a Germanium Electrode as a Result of Electrochemical Processes

the effect of the injection is reduced. Apparently, this surprising effect is due to the fact that the hydrogen separated on the electrode enters the crystal lattice of the semiconductor and shortens the life of the minority carriers. The author thanks Professor B. N. Kabanov for his assistance in evaluating results. There are 3 figures and 8 references, 3 of which are Soviet.

ASSOCIATION:

Institut elektrokhimii Akademii nauk SSSR (Institute of Electrochemistry of the Academy of Sciences, USSR)

PRESENTED:

February 3, 1959 by A. N. Frumkin, Academician

SUBMITTED:

January 31, 1959

Card 3/3

The Injection and Extraction of Minority Carriers 207/20-126-1-30/
on the Surface of a Germanium Electrode as a Result of Electrochemical
Processes

electrode. On this occasion, the potentials of the electrode was less were measured. As the thickness of the electrode was less than the diffusion path of the holes, an injection or an exthan the diffusion path of the holes, an injection or an exthan the diffusion path of the electrode was bound to traction of holes on one side of the electrode was bound to influence the reaction on the other side of the electrode. As indicator process, the anodic dissolution of germanium As indicator process, the alled the polarization side. The cator side, the other is called the polarization side. The cator side, the other is called the polarization side. The cator side, the other is called the polarization as a lack of through-going pores and of electric fields within lack of through-going pores and of electrode is called the polarization of granding pores.

reduced on the germanium electrode thus does not receive the electrons from the free zone but from the valence zone of the semiconductor. With increasing separation of hydrogen,

card 2/3

SOV/20-126-1-30/62 5(4) Pleskov, Yu. V. AUTHOR: The Injection and Extraction of Minority Carriers on the Surface of a Germanium Electrode as a Result of Electro-TITLE: chemical Processes (Inzhektsiya i ekstraktsiya neosnovnykh nositeley toke na poverkhnosti germaniyevogo elektroda v rezul'tate e ektrokhimicheskikh protsessov) Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 1, pp 111-114 PERIODICAL: (USSR) The present paper investigates the mechanism of some processes on a Germanium electrode, which consisted of a single ABSTRACT: crystal of the type n-Ge with a specific resistance of 2.5 ohm.cm and a free diffusion length of path of the hole of 0.7 mm; it was a disk of 6 mm diameter and 0.1 mm thickness. It served as the bottom of a funnel-shaped polystyrene vessel which was open at the bottom, which was dipped into an electrolytic cell. The electrode therefore with one of its surfaces touched the solution in the cell, and with the other the solution in the polystyrene vessel. By means of two independent electric circuits it was possible, ad libitum, to send a current through one of the two surfaces of the Card 1/3

The Oxidation of Bivalent Valadium on a Termanium Anole

germanium anode thus does not influence the kinetics of the oxidation of bivalent vanadium. There are 1 figure, 1 table, and 7 references, 3 of which are Soviet.

ASSOCIATION: Institut elektrokhimii Akademii nauk SESR (Institute of Electrochemistry of the Academy of Sciencen, USSR)

PRESENTED: July 22, 1958, by A. H. Frumkin, Academician

SUBMITTED: July 21, 1958

\$50V/20-123-5-32/50\$ The Oxidation of Bivalent Vanadium on a Germanium incode

concentration of VII and to the square root of the angular velocity ω of the electrode; it can be several times greater than the "current of saturation" of the dissolution of germanium. ...coording to these results, the ions of VII are oxidized on the germanium anode (germanium being dissolved simultaneously) in that region of potentials in which the dissolution rate of germanium has its maximum value. Under these experimental conditions, the rate of oxidation of VII is markedly higher than the diffusion rate of the holes. Holes are therefore not necessary for the oxidation of $V^{\rm II}$ on a germanium anode. On a revolving disk electrode of platinum, the ions $V^{\rm II}$ are oxidized to $V^{\rm III},$ the maximum current being proportional to the concentration of V^{II} and to

the square root of the angular velocity $\boldsymbol{\omega}$ of the electrode. The rate of oxidation of bivalent vanadium on anodes of germanium and platinum depend on the rate of diffusion of

VII ions from the interior parts of the solution to the surface of the electrode. The semiconductor character of the

Card 2/3

5(4)

TITLE:

AUTHORS:

ABSTRACT:

Pleskov, Yu. V., Kahanov, B. H.

The Oxidation of Bivalent Vanadium on a Germanium Anole (Okisleniye dvukhvalentnogo vanadiya na germaniyevom anode)

SO 7/20-123-5-32/50

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 5, pp 884-886 (USSR)

> The authors investigated the oxidation of ions of bivalent vanadium on a revolving disk electrode of single crystaline n-type germanium (specific resistance 1.8 Ohm.cm, diffusion length 0.3 mm). The solution of bivalent vanadium was prepared by the reduction of V205 in a solution of H2S04 by amalgamated zinc. The rate of oxidation of germanium does not depend on the intensity of mixing the solution and

beginning with a potential of 0.5 v it is limited by the rate of diffusion of the holes from the interior parts of the sample to its surface ("saturation current"). If bivalent vanadium is introduced into a solution in which germanium is dissolved at potentials more positive than 0.5 v, the current (which flows through the electrode at a constant potential) increases sharply. This increase Δ I is proportional to the

Card 1/3

PLESKOV. Yu.V. Electrochemistry of semiconductors. Knim. nauka i prom. 3 no.4:443-446.
(MIRA 11:10) (Electrochemistry)

The Representation of Bi- and Trivalent Silver in Alkaline 20-4-28/52 Solutions on a Rotating Disc-Electrode.

There are 3 figures and 9 references, 4 of which are Slavic.

ASSOCIATION: Institute of Physical Chemistry AN USSR (Institut fizicheskoy

khimii Akademii nauk SSSR).

PRESENTED: May 21, 1957, by A. N. Frunkin, Academician.

SUBMITTED: May 14, 1957

AVAILABLE: Library of Congress

Card 3/3

The Representation of Bi- and Trivalent Silver in Alkaline 20-4-28/52 Solutions on a Rotating Disc-Electrode.

second wave, which is twice as high, corresponds to the oxidation of the ions $[Ag_{3}O(OH)_{2}]^{-}$ with respect to the oxide of the trivalent silver. With the here discussed new method for the separation of the diffusion current and of the current non proceeding from the diffusion on the disc electrode, it was clearly proved that with the anodic polarization of Ago0--solutions in a strong lye, the silver oxidizes to Ag₂O₂. But with sufficiently high potentials the oxidation leads to trivalent silver. The potential of the electrode covered with the oxides of bivalent and trivalent silver begins at φ = 1,0 V, after interruption of the anodic polarization, to decrease rapidly, and after some minutes it assumes the value 0,6 V. Apparently the trivalent silver in the basic solutions is not very stable. The author then tried to evaluate the stability of the AgII ions. In spite of the here found small stability of the AgII -ions in the solution, the here obtained results permit the following conclusion: The oxidation-reduction-processes on a silver electrode in an alkaline electrolyte can take place not only in the solid phase, but also by way of the solution.

Card 2/3

MEGKEL, YU. K.

AUTHOR:

Pleskov, Yu. V.

20-4-28/52

TITLE:

The Representation of Bi- and Trivalent Silver in Alkaline Solutions on a Rotating Disc-Electrode (Obrusc.aniye dyukhi trekhvalentnogo serebra v shchelochnykh rastvorakh na vrashchayushchemsya diskovom elektrode).

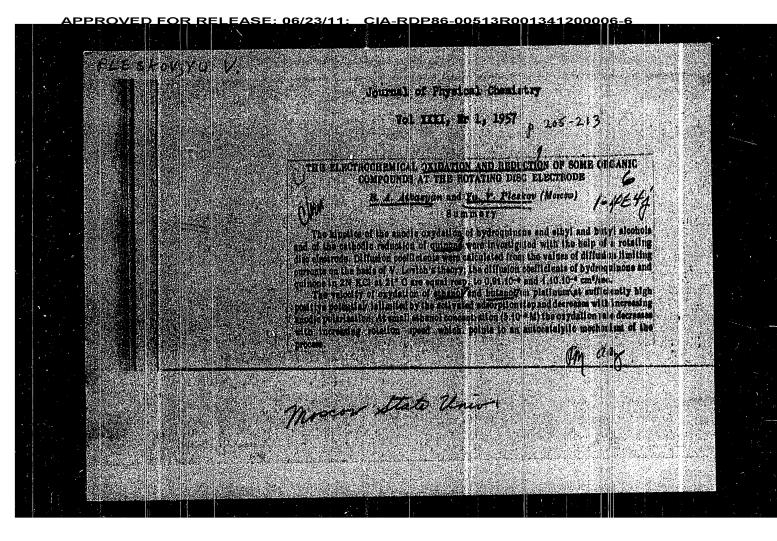
PERIODICAL:

Doklady AN SSSR, 1957, Vol. 117, Nr 4, PF. 645-647 (USSR)

ABSTRACT:

The mechanism of the oxidation of a silver electrode in alkaline electrolytes is still unclear up to now. In particular it is not known whether oxidation takes place in the solid phase, or whether the silver ions pass over into the solution for being subsequently discharged on the electrode. The author therefore investigated both the oxidation and reduction of alkaline Ag20-solutions. The author used a gold electrode as anode and he plotted the curves in the KOH--solutions saturated with ${\rm Ag}_2{\rm O}$ at various speeds of rotation of the electrode. One of these curves is reproduced in a diagram, to serve as an example. Simultaneously with the oxidation of Ag20, oxygen is separated on the anode. The author computed the polarizing cycle for the oxidation of Ag20; it has two waves. The first wave corresponds to the oxidation of the ions [Ag₃0(0H)₂] with respect to Ag₂0₂ and the

Card 1/3



EASE: 06/23/11: CIA-RDP86-00513R001341200006-6

AUTHOR:

Pleskov, Yu.V.

105-9-18/32

TITLE:

Galvani, Luigi. (Luidzhi Gal'vani)

PERIODICAL: Elektrichestvo, 1957, Nr 9, pp. 63-65 (USSR)

ABSTRACT:

9.9.1737 - 2.12.1798. On his 220 Birthday. A short biography of Galvani, who was born at Bologna, finished the studies at the medical faculty at Bologna University, married the daughter of Professor of anatomy Lucia Galeazzi. After the death of his father-in-law, Galvani is given the university chair for anatomy. In 1762 he took his doctor's degree. In 1782 he was awarded the chair for gyneacology and midwifery. In 1780-1791 he made his famous discovery on which in 1791 he published his famous treatise on the "Forces of Electricity During Muscular Movement". The difference of opinion between himself and Volta with respect to the nature of electricity and discussions held in this connection are discribed. It is shown that Galvani's ideas with respect to animal electricity were, after all, not so wrong. Today electrophysiology developed considerably. P.P. Lazarev, member of the Academy, developed the ion theory of exciation, in which also other Soviet scientists participate. There is 1 figure.

ASSOCIATION: Institute for Physical Chemistry of the AN USSR. (Institut

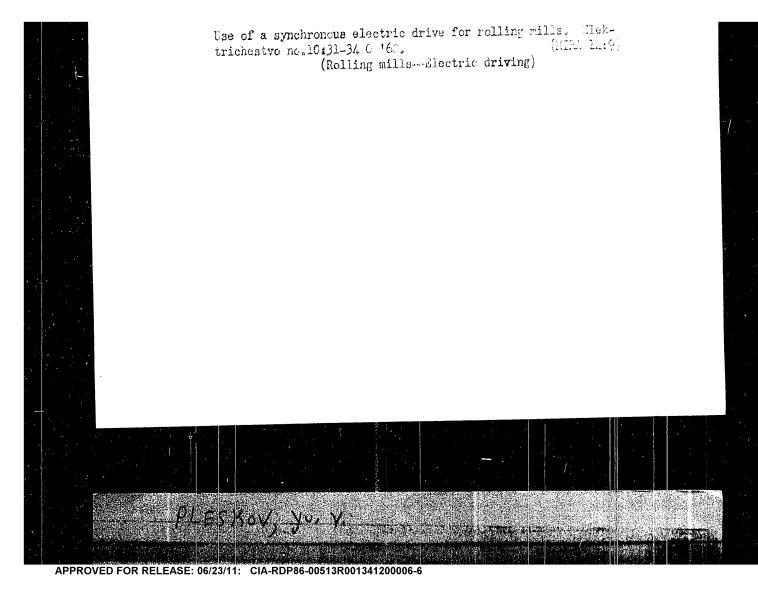
fizicheskoy khimii AN SSSR)

AvailableB Card 1/1

Library of Congress

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200006-6

Compared to the control of the strong of the stron



PLESKON, V.I.

. Subject

: USSR/Electricity

Card 1/1 Pub. 29 - 15/27

Author : Pleskov, V. I., Eng.

Title : Use of low-voltage synchronous generators as motors

Periodical : Energetik, 9, 26, S 1955

Abstract: The author finds that since low-voltage synchronous motors are produced only for 750 to 1000 rpm and 56 to 190 kw, the use of synchronous generators as motors is efficient for apparatus requiring drives from 20 to 60 kw. He presents a table for starting connection

to 60 kw. He presents a table for starting connection schemes and describes his own experience in that field.

AID P - 3357

Institution : None

Submitted : No date

3/105/60/000/010/002/004 B012/B063

AUTHORS:

Pleskov, V. I., Docent, and Magazinnik, G. G., Engineer (Gor'kiy)

TITLE:

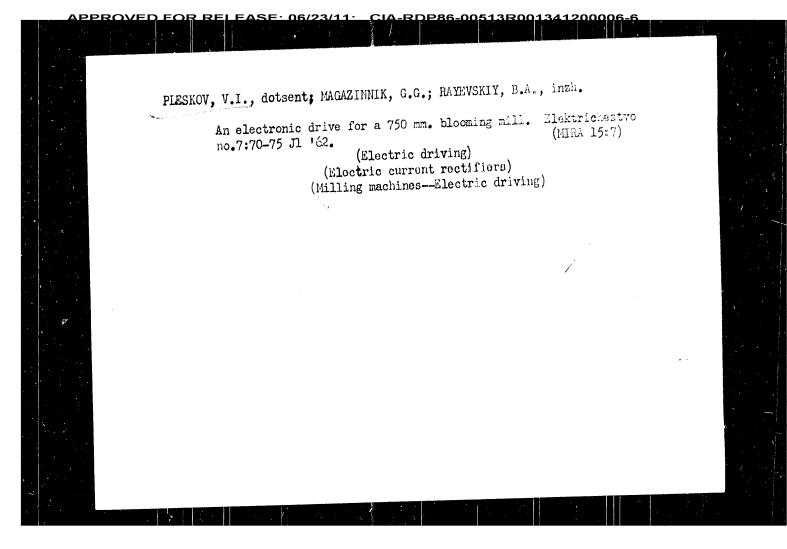
The Use of a Synchronous Drive for Rolling Mills

Elektrichestvo, 1960, No. 10, pp. 31-34 PERIODICAL:

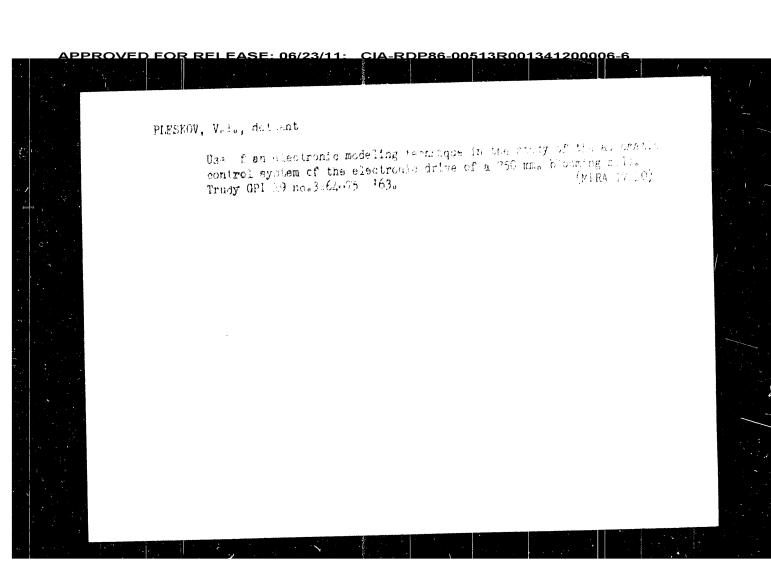
TEXT: In 1959, the steam engine driving the three-roller mill 750 was replaced by a synchronous motor of the type CAN-2500-100 (SDP-2500-100). The present paper briefly describes the results obtained. The automatic excitation control provided for a constant operation with idle power. Experience has shown that the controller did not guarantee the motor excitation required for peak loads and could only operate with slowly varying loads (see oscillogram in Fig. 3). The circuit diagram shown in Fig. 1 for this automatic control of excitation is therefore unsuitable. I. A. Syromyatnikov came to an analogous conclusion (Ref. 6). Therefore, the circuit diagram shown in Fig. 4 was used for excitation control. In the case of this circuit, excitation is controlled as a function of the active component of the stator current of the synchronous motor. The

Card 1/2

plants, cientific institutes and echoois of light substitute vorters at joint all-daton Conference on the Automatical Processes in Menitary plants, scientific institutes and echoois of light substitute Processes in Menitary plants, scientific processes in Menitary plants, processes in Menitary plants, processes in Menitary plants, and the Conference was called by the Menitary of Menitary for a Conference was called by the Menitary of Menitary for a Conference was called by the Menitary of Menitary for a Conference was called by the Menitary of Menitary for a Conference was called by the Menitary of Menitary for a Conference was called by the Menitary of Menitary for a Conference was called by the Menitary for a Conference was called by the Menitary and the Menitary of Menitary for the Menitary of Menitary for Automated Electric Brivery in Menitary of Menitary of Menitary for the Menitary of Menitary for Automated Electric Brivery in Menitary of Menitary in Menita Elektroprived 1 avicastisatsija prozyblannyh ustanovek; brudy sevesholaniya. (Electric Drive and Automation in Industrial Systems; Franssotions of the Conference) Moscow, Communication, 19.0. 470 p. 11,000 copies printsi. Wassorumoys ob yedinennoys acreshchaniys po avtomatinimit croisvolativencidi: protaesor v mashinostroyedi i avtomatiniroramomu elektroprisodu v promyshlon-posti. 3d, Moscow, 1939 PHEPCES: The collection of reports is intended for the existific and iscimical parsonnal of colentific research institutes, plants and exhools of higher education. General Eds.: I.I. Petrov, A.A. Sirotin, and M.G. Chilikin; Eds.: I.I. Sad, and E.F. Silayev; Tech. Eds.: E.P. Voronin, and G.Fe. Marinocev. Plankor, W.I., Docent. Utilization of Gas-Tube Converters for Esversing Fistrak, M.R., and L.M. Balabuyer, Engineers. Electronic Excitation Spriess of Blooming Will Main Drives at Alekaretis, Charmonstrats and Enality kity (Alebersk (at Foreshilorsk), Charmporsts, and Enilai (India)) Matallurgical Plants' Charmer Mail., Candidate of Technical Sciences. Automatic Stop Systems of the Cold-Rolling Severaing Mill 1200 Drainis, B.E. and G.T. Simayskif, Engineers, "Enugh" Segulation System Sheet Thickness on a Continuous High-Speed Schi-Rolling Mill Rensiter, V.D., Candidate of Technical Sciences. Electric Drives of Plying Score Emitskir F.P., Docent, Candidate of Technical Sciences. citation of Reversing Mill Drives Chiston, I.P., Engineer. Intemation of Mill 900 at the Sail-Structural Shop of the Hishne-Tagil'skiy metallurgicheskiy kombinat (Hishniy Tagil Metallurgi-eal Combine) Smolinizor. Lul.. Engineer. Automatic Control of Rolling at Reversing Mills With the Use of Computers Chalyustin, A.B., Candidate of Technical Defences. Ecuping Shop automation With the Use of a Control Computer Roysen, S.S., Candidate of Technical Sciences. Stabilizing Devices of Rolling Mill Electric Drives With Magnetic Amplifians Alianita-T-M., Engineer. Electric Drive of a Cold-Sciling Mill Seel With an Astatic Tension Regulator Demanicakiy, 3.M., Candidate of Technical Sciences. Problem of Designing an Optisms Control System for Flying Shears Decirate &-226 E 26 23 ä 24.7 259 × 7. 83 ř 8



PLESKOV, V.I., dotsent Use of synchronous drives in rolling mills with impact load exceeding the static overload rating of the motor. Trudy GPI 16 no.5%79-83 460. (MIRA 16%4) (Rolling mills Electric driving)



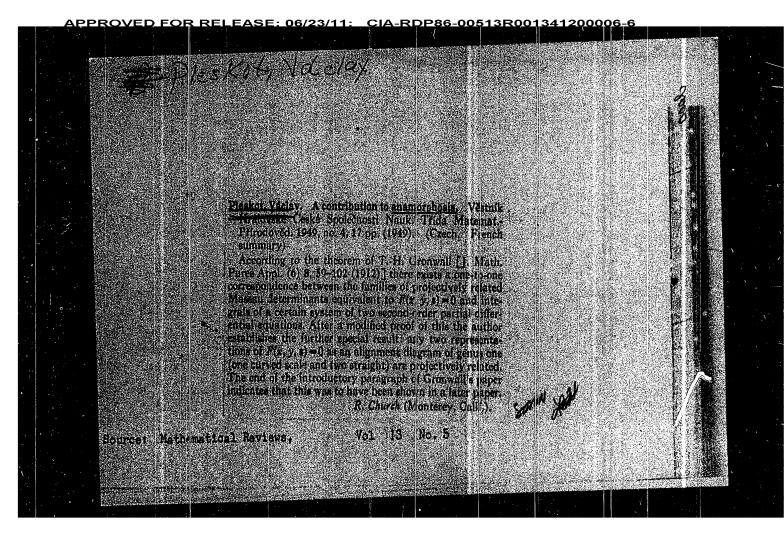
BAMDAS, A.M.; BOL'SHAM, Ya.M.; BORCHANINOV, G.S.; GLAZUNOV, A.A.; ZALESSKIY, A.M.; KONSTANTINOV, B.A.; LIVSHITS, D.S.; LYCHKOVSKIY, V.L.; MILLER, G.R.; PETROV, I.I.; PLESKOV, V.I.; SAMOVER, M.L.; SYROMYATNIKOV, I.A.; CHILIKIN, M.G. Professor IUrii Leonidovich Mukoseev; 1905, on his 60th birthday. (MIRA 18:7) Elektrichestvo no.6:91 Je '65.

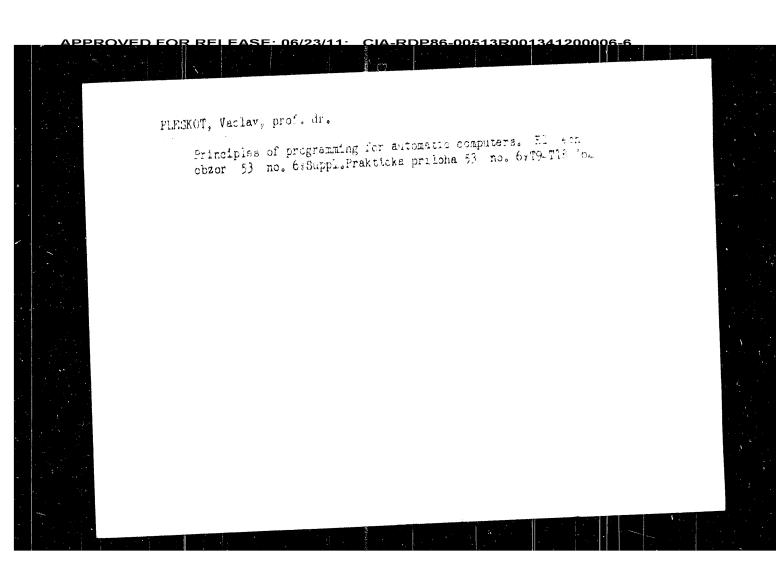
L 22593-66 ACC NR: AP6013000 cheskiy institut (Moscow Power Institute) he defended his thesis "Distribution of Alternating Currents in Current Conductors". He became professor in 1960. From 1939 he has been continously the vice-president of the Gorkiy board of the Scientific-Engineering Society of Power Engineers (NTO energetikov). Recently, Yu. L. Mukoseyev participated in the work of the Uchebnometodicheskaya komissiya MV (Pedagogical-Methodological Commission of the Ministry of Armament) and of the SSO [?] USSR for the Electrical Supply of Industrial Enterprises and of Cities." Orig. art. has: 1 figure. [JPRS] SUBM DATE: none SUB CODE: 10 /

SOURCE CODE: UR/0105/65/000/006/0091/0091 ACC NR. AP6013000 AUTHOR: Bamdas, A. M.; Bol'sham, Ya. M.; Borchaninov, G. S.; Glazunov, A. A.; Zalesskiy, A. M.; Konstantinov, B. A.; Livshits, D. S.; Lychkovskiy, V. L.; Miller, G. R.; Petrov, I. I.; Pleskov, V. I.; Samover, M. L.; Syromyatnikov, I. A.; 28 Chilikin, M. G. 13 ORG: none TITLE: Professor Yu. L. Mukoseyev (on the occasion of his 60th birthday) SOURCE: Elektrichestvo, no. 6, 1965, 91 TOPIC TAGS: scientific personnel, electric power production ABSTRACT: Professor Yuriy Leonidovich Mukoseyev, 60, chairman of the department "Elektrosnabzheniye promyshlennykh predpriyatiy i gorodov (Electrical Supply of Industrial Enterprises and Cities)" of the Gor'kovskiy politekhnicheskiy institut (Gor'kiy Polytechnic Institute) began his studies at the Gorkiy (Nizhegorod) University. After several years at the "Krasnoye Sormovo" plant he joined in 1935 the Glavelektromontarh system where in 27 years he advanced to the position of chief engineer of the Gorkiy section of the designing institute Elektroproyekt. In 1951 he published his book "Voprosy elektrosnabzheniya promyshlennykh predpriyatiy (Problems of Electrical Supply of Industrial Enterprises)"; in 1956 at the Moskovskiy energeti-

621.311

Card 1/2





PIASKCT, V. "Academician Zdonek Bauent dies", P. 37"., SECRIK TRANSACTIONS, Vol.79, No. 4, Dec. 1954, Praha, Gzechoslovakia) 30: Monthly List of East European Accessions, (MEAL), IC, Vol. 4, No. 6, June 1955, Vnel.

PLESKOT, V.

"Professor Vaclay Bruska dies; dee, a tist of his scientific works",
P. 375., (SECNETE TRANSACTIONS, 'cl. 79, No. 4, Dec. 1957, France,
Casched orders)

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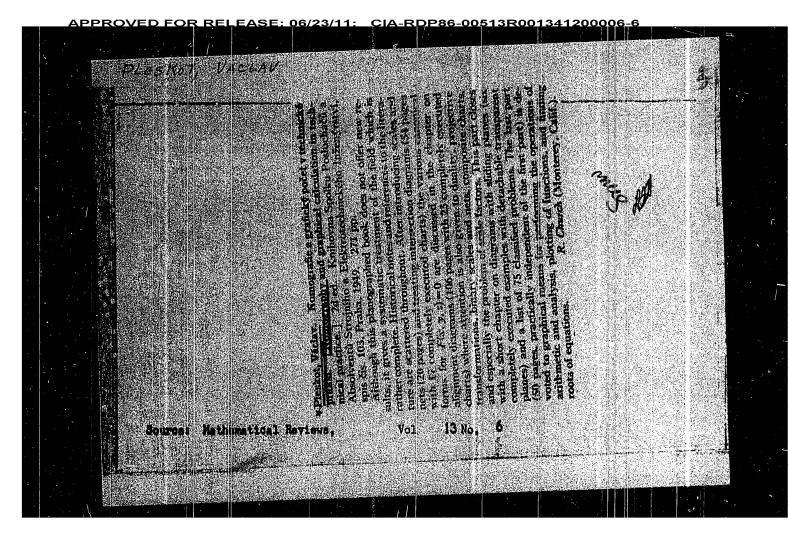
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KRAVCHENKO, A.A.; BOGOMOLOVA, Ye.R.; PLESKOV, K.I.; YUDIN, Yu.O. Problem of clinical and morphological changes of the upper respiratory tract and ear in leukoses. Vest. otorin. 22 no. 4:33-38 Je-Ag '60. (MIRA 13:12) (RESPIRATORY ORGANS) (EAR) (LEUKEMIA)

IRAVCHENKO, A.A., PLESKOV, K.I.

Use of glutamic acid in the otorhinolaryngological clinic.
Vest.oto-rin. 20 no.6:121 N-D '58 (MIRA 11:12)

1. Iz kliniki bolezney ukha, gorla i nosa (dir. - prof. I.Ya., Sendul'skiy) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta.

(OTOREIRGOLARYNGOLOGY)

(GIUTAMIC ACID)

SVETLAKOV, M.I., dotsent, KRAVCHENKO, A.A., kand, med, nsuk, PLESKOV, K.I.

Use of hemopoletic stimulators in radiotherapy for cancer of the larynx. Vrach, delo no.5:527 My '58 (MIRA 11:7)

1. Kininka bolezney ukha, gorla i nosa (zav. - prof. I.Ya. Sendul' skiy) Moskovskogo oblastnogo nsuchno-issledovatel'skogo klinicheskogo instituta i TSentral'nogo instituta usevershenstvovaniya vrachay.

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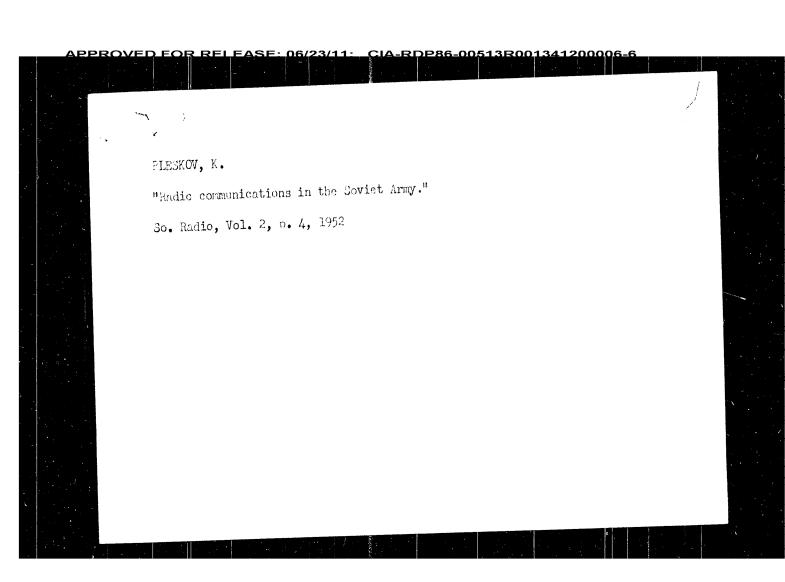
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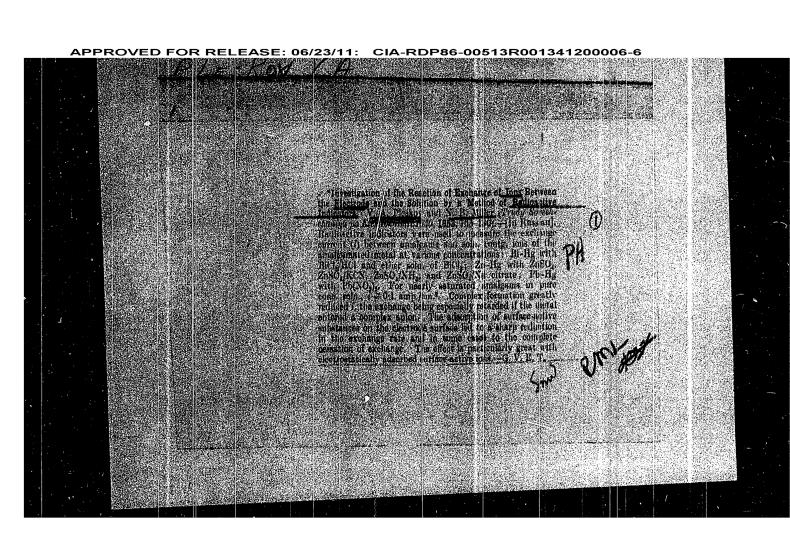
KRAVCHENKO, A.A.; BOCOMOLOVA, Ye.R.; PLESKOV, K.I.; YUDDI, Yu.G.

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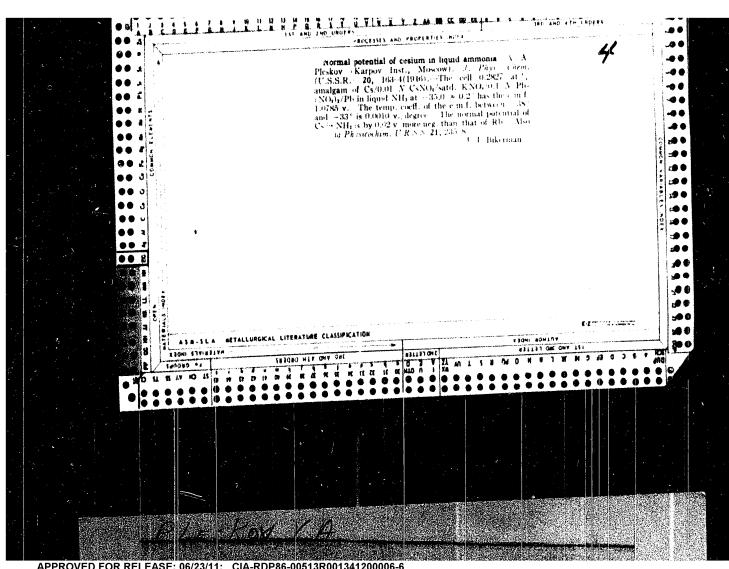
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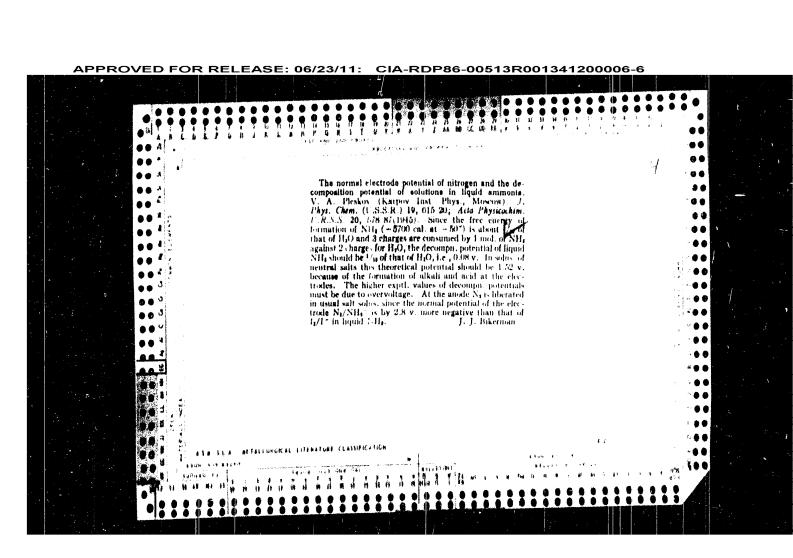




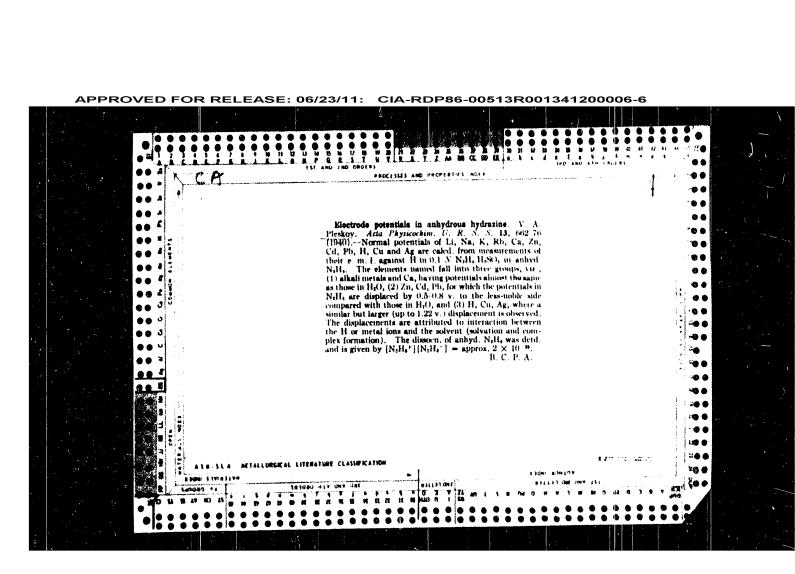
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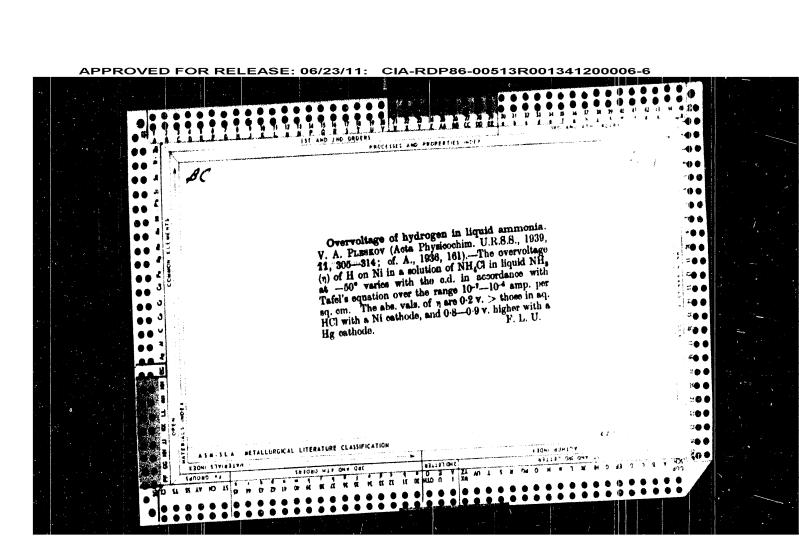
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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200006-6 PROCESSES AND PROPERTIES MOSE A device for measuring the level of compressed gases and other liquids under pressure. V. A. Pleskov. J. Chem. Ind. (U. S. S. R.) 17, No. 9, 84 (1940).—A movable electrode is placed in contact with the liquid surface where current flows to a fixed electrode in the bottom of the container and the distance between the electrode is measured. H. M. Leigster. #**0** 0 =00 ~ o =00 H. M. Leicester F0 0 **400 F 0 0 ≂• • *0 0** *00 **10** 0 20) ## **@** # · AS IL SEA BETALLURGICAL LITERATURE CLASSIFICATION *00 100 mg TEROPO MIP CHY OCC SELLETONIC STALL BANTERIALI INDER STITEL ON THE LETTER 140000



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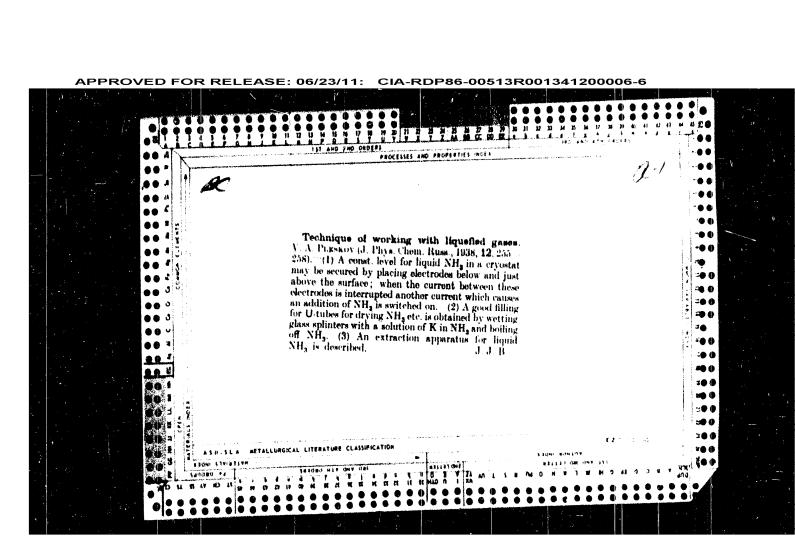
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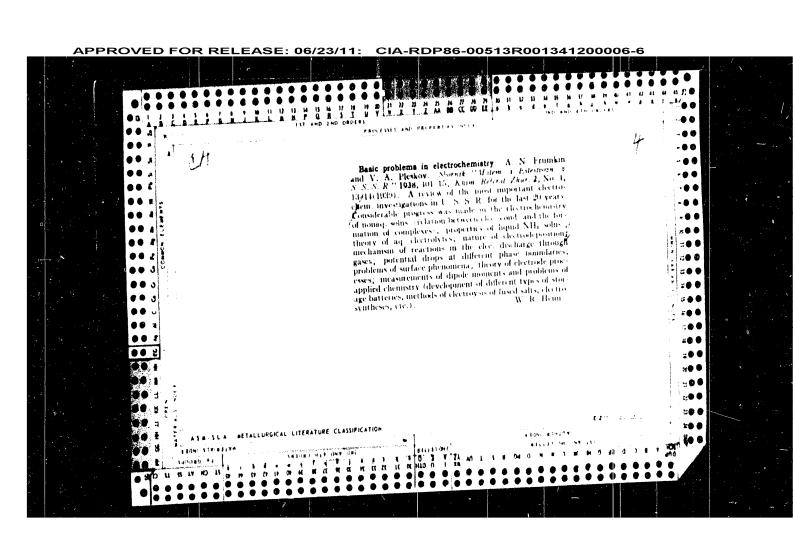
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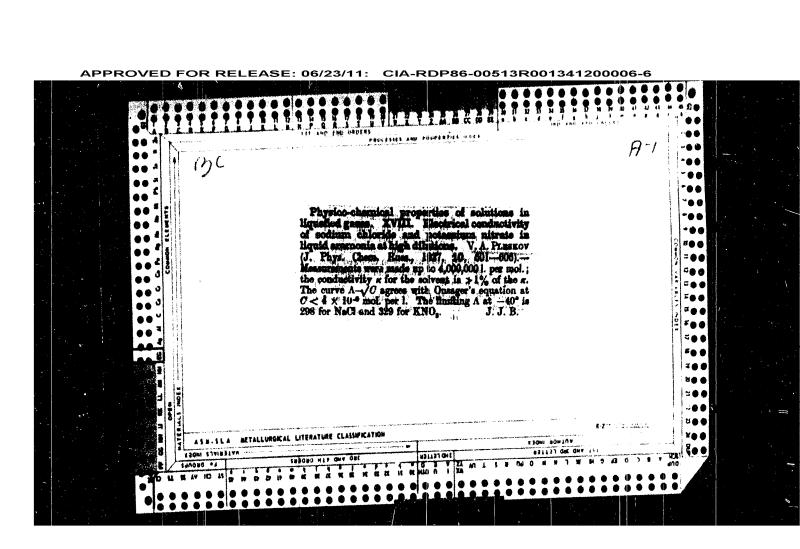
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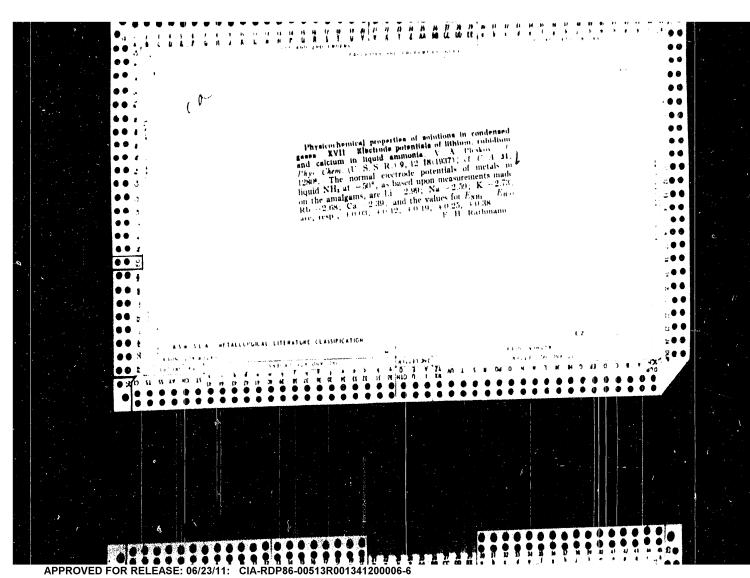
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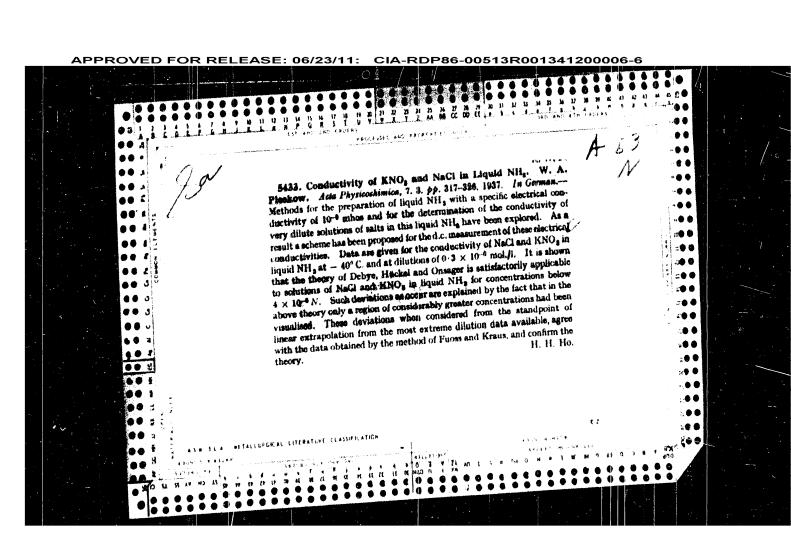


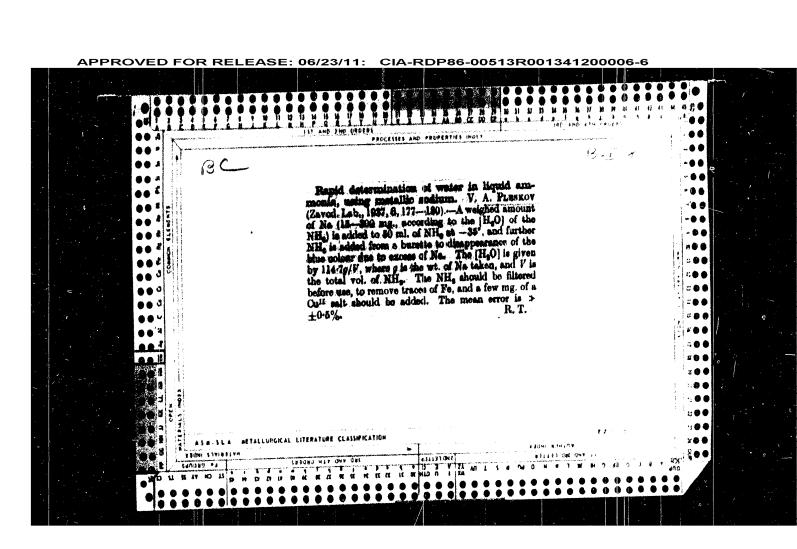




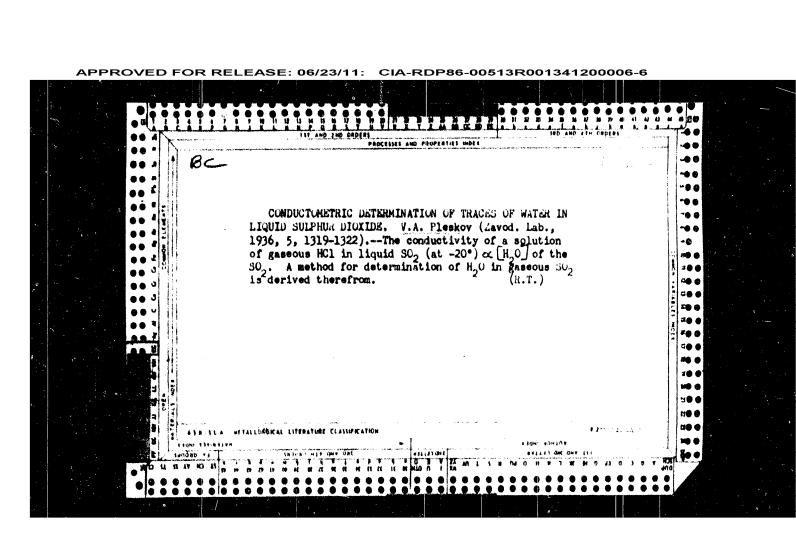
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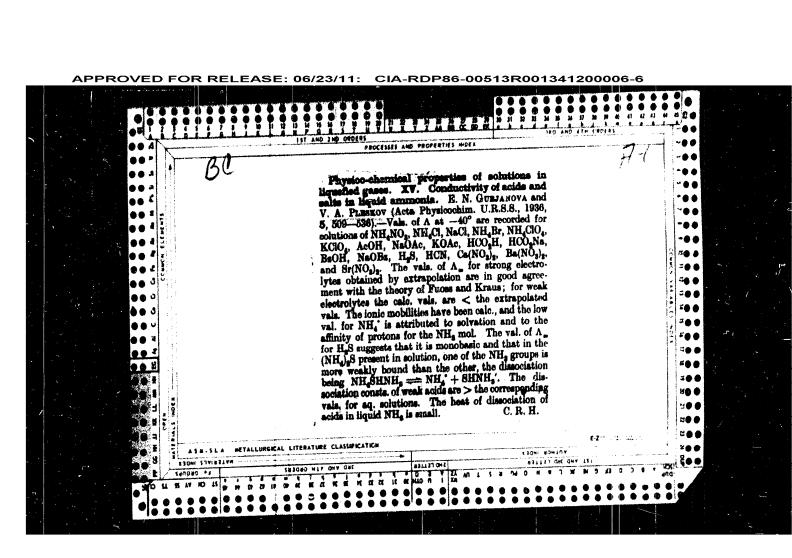






APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200006-6 • •• •• car Physicochemical properties of solutions in condensed gases. XV. Electric conductivity of acids and salts in liquid ammonia. (b) N. Gur variova and Y. A. Pleskov. I. Phys. Chem. (d) 5. S. R. 8, 8, 345 (6) HCOO. The dissent consts and the ionic radii (sum) in A. were NH. Cho., 5.4 × 10. 2, 6.00. NH. NO., 4.3 × 10. 3, 5.4 × NH. Br., 2.4 × 10. 2, 3.00. NH. NO., 4.3 × 10. 3, 5.4 × NH. Br., 2.4 × 10. 2, 3.00. HCOO., 3.4 × 10. 3, 2.60. HCOO., 3.4 × 10. 3, 2.60. HCOO., 3.5 × 10. 3, 2.50. CH. COO.H., 1.5 × 10. 3, 2.60. HCOO.N., 3.5 × 10. 3, 2.50. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.N., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.N., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.N., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 7.7 × 10. 3, 2.16. CH. COO.H., 1.0 × 10. 3, 2.22. CH. COO.H., 2.22. CH. COO.H., 2.22. CH. COO.H., 2.22. CH. COO.H., 2.22. CH. •• •• •• •• •• NATE AND ASSESSED AND STATES OF THE STATES O 20 O

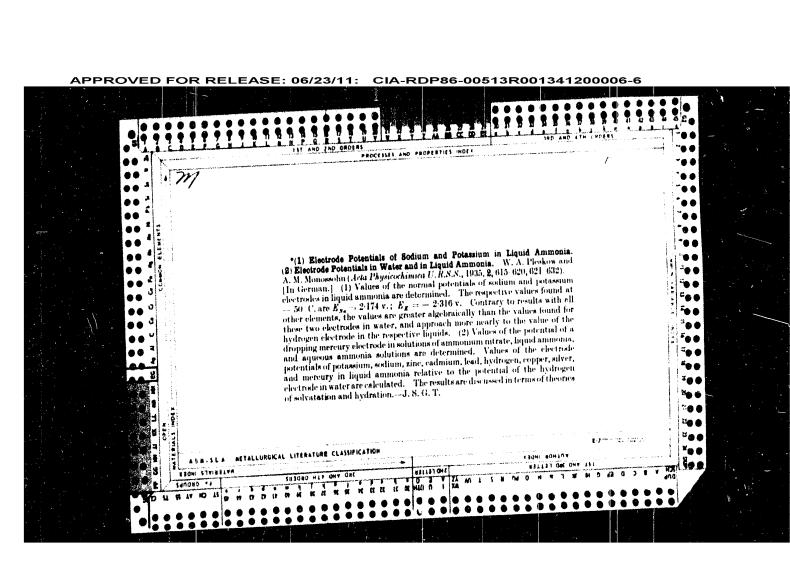


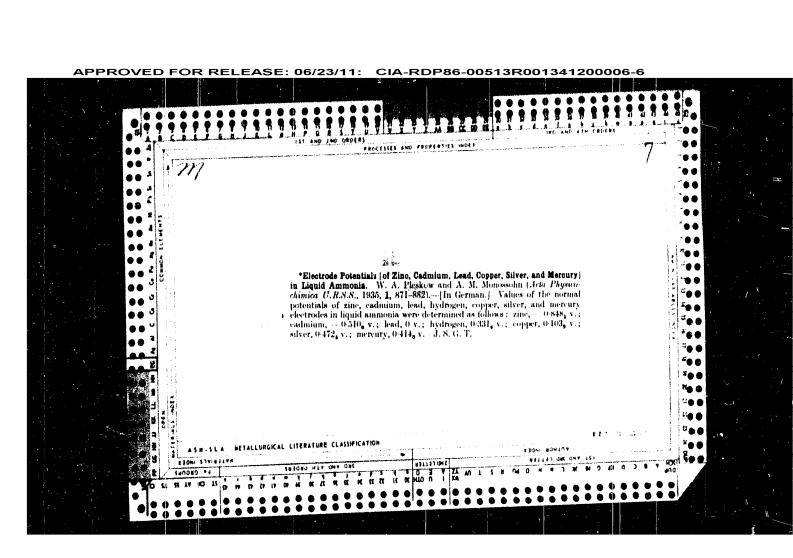


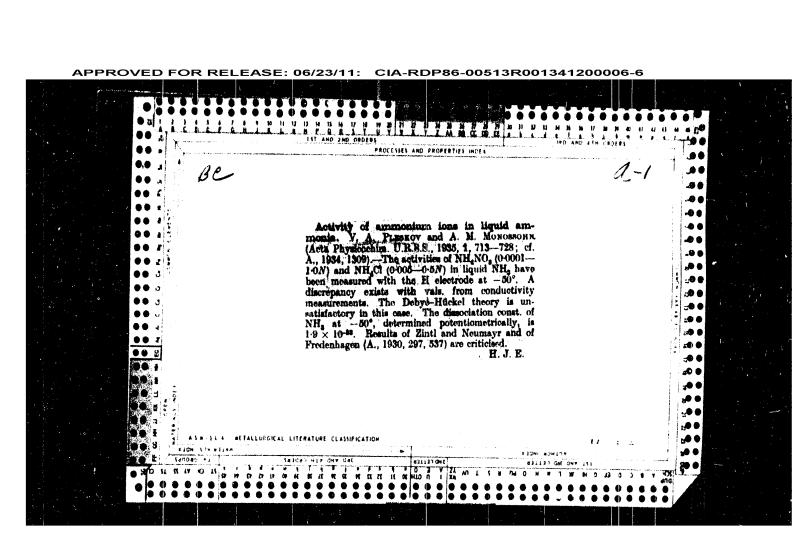
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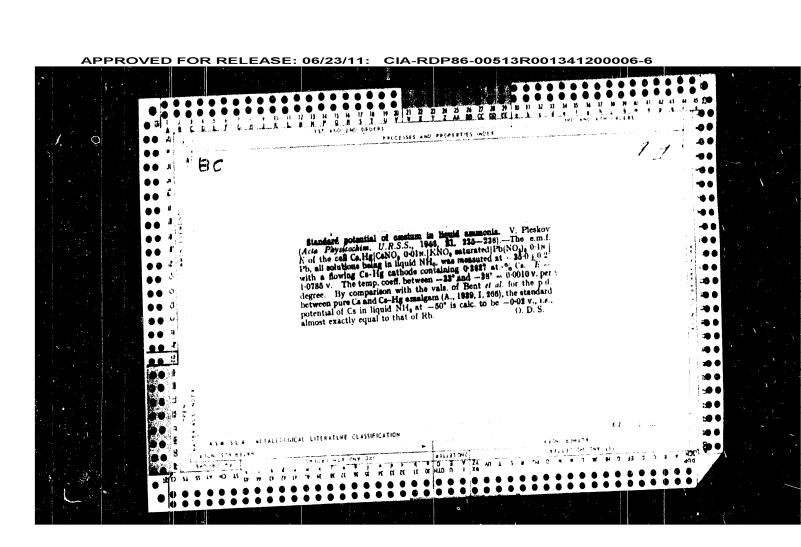


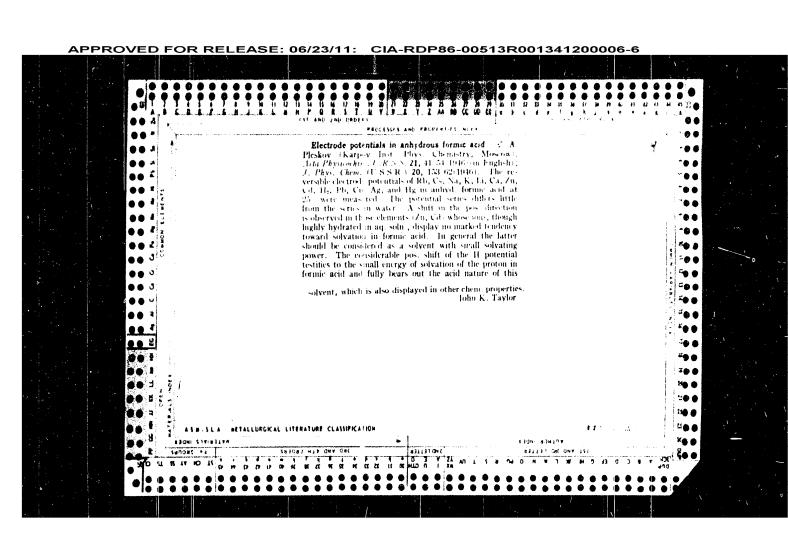




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Discussion

Pleskov, V. and Ershler, B., On the question concerning the calculation of separate electrode potentials from spectroscopic and thermodynamic data.

The Karpov Physico-Chemical Institute Moscow April 29, 1948

SO: Journal of Physical Chemistry (USSR) 23, No. 1 (1947)

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Discussion

Pleskov, V. A., On the question concerning the absolute electrode potential. (Concerning the article by E. A. Kanevskii, * On the theory of the electrode potential. I".

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Moscow
March 27, 1948

SO: Journal of Physical Chemistry (USSR) 23, No. 1 (1949)

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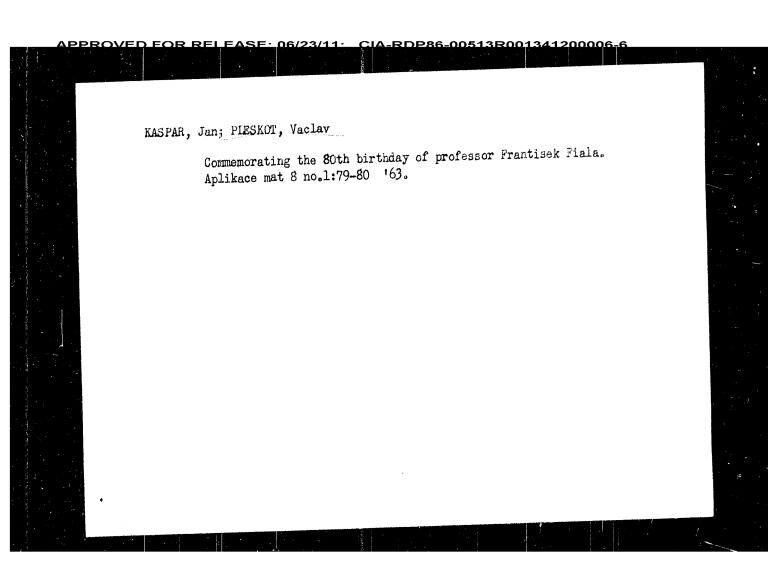
USSR/Ions
Solvents

"Electrode Potentials and the Energy of Ion Solvation," v. A. Pleskov, 24 pp

"Uspekhi Khimii" Vol XVI, No 3

Largely mathematical discussion of the normal potential and solvent, the energy of ion solvation, soltial and solvent, the energy of ion solvation, soltial and solvent, and the normal potential, the method vation energy and the normal potential, the method of "the normal element," and the experimental deterof "the normal potentials in anhydrous solvents, mination of normal potentials in anhydrous solvents. Gives several tables, formulae and diagrams, and a full-page bibliography.

z/039/60/021/01/029/040 E073/E135 Professor Dr. V. Pleskot All-Czechoslovak Conference on Nomography AUTHOR: PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 60-61 ABSTRACT: This conference was held on September 7 to 9, 1959, in It was organised by the Chair for Mathematics and Descriptive Geometry of the Geodesy Department, Czech Technical University, jointly with the Society of Czech Mathematicians and Physicists. 200 participants from research institutes, teaching There were 19 visitors establishments and industry. from abroad. 14 papers were read in the plenary sessions, and 22 papers in three sectional meetings. Of the foreign visitors, the following read lectures: Academician M.V. Pentkovskiy, Alma Ata USSR (who is stated to be the founder of modern effective methods in nomography); G.S. Khovanskiy, Moscow; Professor B. Otto, Warsaw Polytechnic; Docent G. Petrov and Card Docent S. Christov, Sofia. There was an exhibition accompanying the conference. 1/2



Pleskot, V.

A study trip to Hungary. P. 131
CASOPIS PRO FESTOVANI MATEMATIKY. (Ceskoslovenska akademie ved.
Matematicky ustav) Praha
Vol. 81, no. 1, Apr. 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

PLESKUL. V.

HILDECT. V. Automatic compution made news. 121. A review of a symposium. p. 173.

Vol. 17, No. 10, Oct. 1956. SLAFCHMOUT CERCE. TECHNOLOGY Traha, Opechoslovskie

So: East European Acces ion, Vol. 6, ko. 3, Farch 1957

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(Prague); ZATOPEK, A. (Prague) PLESKOT, V. PLESKOT, Jaroslav, inz. Some experience in the operation of high-pressure heaters. Energetika Gz 13 no.5:250-251 My 163. 1. Elektrarna Opatovice.

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PLESKOT, Frantisek, plukovnik, MUDr.; FROCHAZKOVA, Viacta, 1900:. Lumbosciatic syndrome in the light of clinical statistics. Voj. zdrav. listy 34 no.2:51-52 Ap 165 1. Neurologicke oddeleni Ustredni vojenske nemocnice v inako.